

# SUPPORTING SCHOOLS AND STUDENTS TO ACHIEVE

SHERRI YBARRA, SUPERINTENDENT OF PUBLIC INSTRUCTION





# Assessment Security and Test Impropriety

## Division of Assessment



# Outline

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- Test Security
- Incident Prevention
- Incident Detection
- Incident Escalation
  - Report Incidents
  - Report Test Appeals



# Definition of Test

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- Test estimates some aspects of one's ability
  - No test is perfect
  - No test can tell you who you are as a person
- Estimation can be valuable to set standards
  - Driver's license test
  - Teacher's certification test



# What is ISAT?

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- Idaho Standards Achievement Test
  - Aligned to Idaho Content Standards in ELA/language, mathematics, and science
  - Designed to assess student's achievement and progress towards college and career readiness in English language arts and literacy, and mathematics

Darling-Hammond, L., Haertel, E., Pellegrino, J., & Bae, S. (March, 2015). Making Good Use of New Assessments: Interpreting and Using Scores from the Smarter Balanced Assessment Consortium. Retrieved from [http://nh.portal.airast.org/wp-content/uploads/2015/08/EDU-WhitePaper-Making\\_Good\\_Use-of\\_New\\_Assessments.pdf](http://nh.portal.airast.org/wp-content/uploads/2015/08/EDU-WhitePaper-Making_Good_Use-of_New_Assessments.pdf).



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# Test Security

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- What is Test Security?
- Test Security Violations:
  - Cheating
  - Stealing



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# Why do we still care?

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- Code of Ethics
- Resources
  - Cost
  - Time
  - Energy
- We want scores to be meaningful!



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# Validity and Reliability

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- Validity
  - How well a test measures what it is supposed to measure
- Reliability
  - The degree to which an assessment produces consistent results





# Validity

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- Validity depends on the following:
  - Test Development
  - Test Score Reliability
  - Accurate Scaling and Equating
  - Achievement Standards Setting
  - Scoring Procedures
  - Standardized Test Administration
  - Attention to Fairness

ISAT by Smarter Assessments 2015-2016 Technical Report



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# Reliability

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- Reliability depends on the following:
  - Test-specific Factors
  - Scoring-specific Factors
  - **Examinee-specific Factors**

An Instructor's Guide to Understanding Test Reliability. Wells, C.S. & Wollack, J.A. (November, 2003). Retrieved from <https://testing.wisc.edu/Reliability.pdf>



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# Let's Take a Test

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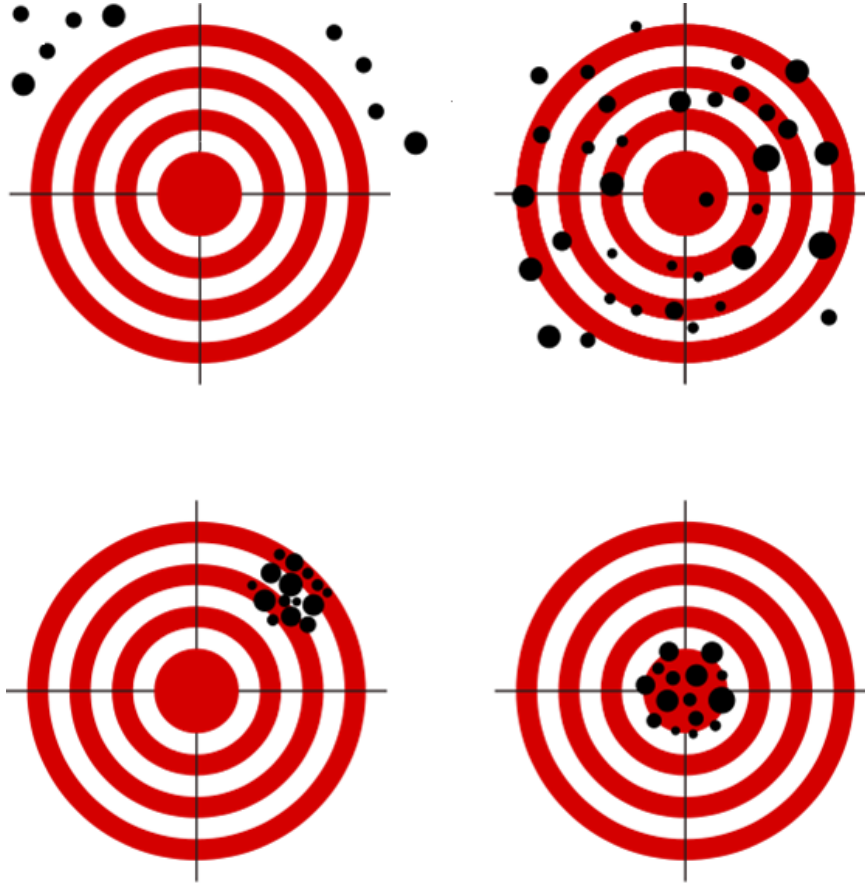


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# Interpretation of Test Results

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[https://commons.wikimedia.org/wiki/File:Reliability\\_and\\_validity.svg](https://commons.wikimedia.org/wiki/File:Reliability_and_validity.svg)



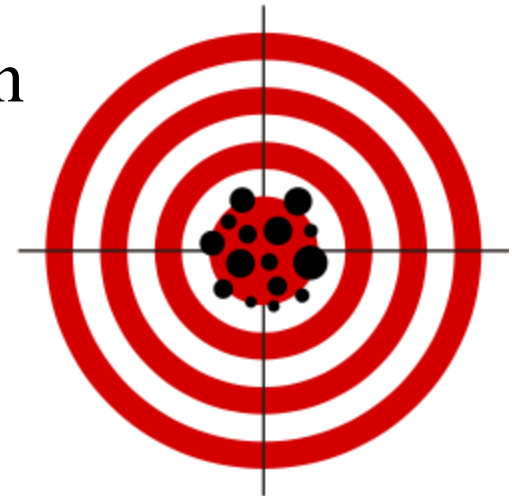
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# What could affect the results?

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- What could alter your results, given your ability?
  - Standardized Test Administration
  - Attention to Fairness
  - Examinee-specific Factors



Both Reliable & Valid



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# Definition of Incident

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- Anything that could affect validity and reliability of the test (intended and unintended)
- Types of Incident
  - Test Security Violation (Breach)
  - Test Interruption
    - Irregularity
    - Impropriety



# What happened last year?

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- 1143 incidents reported in 2016
  - Adult-Initiated (50%)
  - Student-Initiated (20%)
  - Technology Related Issues (30%)



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# Incident Prevention

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- Test Preparation
- Scheduling
- Training
- Testing Environment
- Qualification of Test Administrator
- Evaluation of Policies and Procedures



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# Incident Detection

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- Monitoring Activities
  - Sessions
  - Data and Logs
  - Monitoring Social Media
  - Monitoring Secure Printed Materials



# Incident Escalation

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- Incident Log
- TIDE Appeals
- Escalating Unsafe Response
- Secure State Assessment Hotline
  - 208-332-6995



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# Incident Log vs. TIDE Appeal

	Incident Log	TIDE Appeal
What?	<ul style="list-style-type: none"> <li>An online application to collect ALL incidents</li> <li>Replaces the excel spreadsheet collected through the SDE's SFTP site</li> </ul>	<ul style="list-style-type: none"> <li>An online portal to appeal test status on affected test(s)</li> </ul>
Why?	<ul style="list-style-type: none"> <li>Validate Test Results in case of an Outlier</li> <li>Conduct Needs Assessment</li> </ul>	<ul style="list-style-type: none"> <li>Update Test Status</li> </ul>
Who?	<ul style="list-style-type: none"> <li>Incident Submitter (could be a proctor)</li> <li>Incident Reviewer (test coordinator)</li> </ul>	<ul style="list-style-type: none"> <li>Test Coordinator</li> </ul>
When?	<ul style="list-style-type: none"> <li>Test Security Violation - as soon as possible</li> <li>Test Interruption - within 24 hours</li> </ul>	
Where?	<a href="https://apps.sde.idaho.gov/testsecuritylog">https://apps.sde.idaho.gov/testsecuritylog</a> (available on March 1 <sup>st</sup> )	<a href="#">TIDE Portal</a>



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# Incident Log Entry Page

Add Incident

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District:

School:



Proctor:

Incident Date/Time:



Test Type:

ISAT



Content Area:

ELA-CAT



Incident Type:

Test Interruption - Impropriety



Incident Category:

Accidental Submission



Initiation Type:

Adult



Grades:

☐ 03 ☐ 04 ☐ 05 ☐ 06 ☐ 07 ☐ 08 ☐ 09 ☐ 10

Test Session Id:

Test Result Id:

Incident Description & Immediate Resolution:

Affected Students List:

EduID



No items to display

Document List:

Action Type:

No Action



District Resolution:

Manage Students

Manage Documents

Save

Submit to SDE



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# TIDE Home Page

The screenshot displays the TIDE Home Page interface. At the top, a dark blue header bar contains the IDAHO State Department of Education logo on the left, and navigation links for 'General Resources', 'Help', 'Manage Account', and 'Log out' on the right. The user's role is indicated as 'DA' (Data Administrator) for the 'ID 2016-2017' administration year. A search bar labeled 'Find Student by ID' is positioned on the right side of the header.

The main content area is divided into three vertical panels, each with a large circular icon at the top and a list of menu items below:

- Preparing for Testing (Orange Panel):** Features a large icon of a person with a gear. The menu items are 'Users', 'Test Settings and Tools', 'Students', and 'Rosters', each with a dropdown arrow.
- Administering Tests (Teal Panel):** Features a large icon of a person at a computer. The menu items are 'Print Testing Tickets', 'Test Improperities', and 'Test Progress Management', each with a dropdown arrow. A red arrow points to the 'Test Improperities' item, which is also highlighted with a red rectangular border.
- After Testing (Light Blue Panel):** Features a large icon of a document with a gear. The menu item is 'Data Cleanup' with a dropdown arrow.

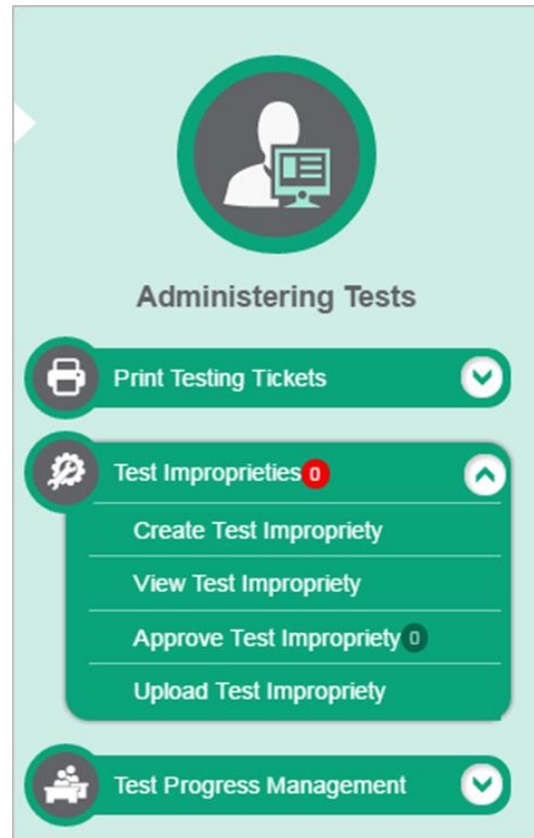


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# TIDE Appeals

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# Status of Test Improproprieties in TIDE

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Impropropriety Request Status	Description of Status
Error Occurred	An error occurred while the impropriety request was being processed.
Pending Approval	Impropropriety request is pending approval.
Processed	Impropropriety request was successfully processed and the test opportunity has been updated.
Rejected	Another user rejected the impropriety request.
Rejected by System	Test Delivery System was unable to process the impropriety request.
Requires Resubmission	Impropropriety request must be resubmitted.
Retracted	Originator retracted the impropriety request.
Submitted for Processing	Impropropriety request submitted to Test Delivery System for processing.
Resolved	Impropropriety was resolved.



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# Creating a Test Impropropriety in TIDE

**Create Test Impropropriety**

**i** Use this page to create invalidation requests. [more info](#)

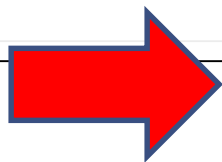
- Select the type of request you want to create and enter search criteria.
- Click **Search**.
- Mark checkboxes for the result IDs for which you want to create a request.
- Click **Create** and enter a reason.

**Select Request Type and Search**

\*Request Type: ☐ Invalidate a test **?**  
☐ Reset a test **?**  
☐ Re-open a test **?**  
☐ Grace period extension **?**  
☐ Restore a test that was reset **?**  
☐ Re-open test segment **?**

\*Search Student By:

**Search**



**Create**

Number of records found: 9

<input checked="" type="checkbox"/>	Request Type	School IRN	ResultID	EDUID	Student's Last Name	Student's First Name	Test Opp #	Test Status	Test Start Date	Date of Last Activity	Test
<input checked="" type="checkbox"/>	Invalidate a test	9999_9999	50703	900106067	Scott	Ninu	1	reported	1/10/2017 2:42:32 PM	1/10/2017 2:56:27 PM	Grade 7 ISAT Science
<input checked="" type="checkbox"/>	Invalidate a test	9999_9999	50701	900106059	demofirst	demolast	1	reported	1/10/2017 2:40:20 PM	1/10/2017 2:56:27 PM	Grade 7 ISAT Science
<input checked="" type="checkbox"/>	Invalidate a test	9999_9999	50697	900105983	Fi	La	1	reported	1/10/2017 1:41:31 PM	1/10/2017 2:06:50 PM	Grade 3 Math Alternate Assessment



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# Creating a Test Impropropriety via a File Upload in TIDE

- Columns in the Test Improproprieties Upload File
  - Type of Test Impropropriety:** Invalidate a test, Reset a test, Re-open a test, Re-open a test segment, Restore a test that was reset, and Grace Period Extension.
  - Search Type:** EDUID , Result ID, and Session ID.
  - Search Value:** Up to 1,000 alphanumeric characters. The value must exist in TDS or TIDE. For example, specifying a result ID of 123456 requires that this result ID exist in TDS.
  - Reason for creating a Test Impropropriety:** Up to 1,000 alphanumeric characters.

Print Testing Tickets ▼ Test Improproprieties ▼ Test Progress Management ▼

Upload Test Impropropriety

1. Upload 2. Preview 3. Validate 4. Commit 5. Confirmation

Download Templates ▼

Use this page to upload a file of invalidation requests. [more info](#)

Step 1: Upload File

Choose File Browse

+ Upload History

Next

	A	B	C	D
1	TYPE	SEARCHTYPE	SEARCHVALUE	REASON
2	Invalidate a Test			



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# Summary

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- Incident is anything that could affect validity and reliability of the test (intended and unintended)
- Why is test security important?
  - Fairness to all students and schools
  - Code of Ethics and resources



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